

abnormal physical state of the eye.--

SUB C1  
cont  
P1  
cont  
--7. (New) The method of claim 6, wherein said disease, disorder or abnormal physical state is selected from the group consisting of blindness, cytomegalovirus retinitis, uveitis, glaucoma, macular degeneration, retinitis pigmentosa, retinal degeneration, retinal detachment, and cancers of the retina.--

--8. (New) The method of claim 5, wherein said retinal cells are differentiated from said retinal stem cells *in vitro*--

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### REMARKS

#### The Invention

The invention provides methods of transplanting retinal cells by implanting isolated retinal stem cells from the retina of a mammal and/or implanting retinal cells differentiated from the retinal stem cells, into the retina of an individual.

#### The Office Action

Claims 1-4 are pending in the application. Claims 1-4 stand rejected under 35 U.S.C. § 112, first paragraph, and claims 2-4 stand rejected under 35 U.S.C. § 112, second paragraph. Claim 1 is also objected to for informalities. Each of these rejections is addressed below.

#### Support for the Amendments

Support for new claims 5-8 is found in the specification at, for example, page 11, lines 9-18, page 12, lines 11-13 and 19-21, and in original claims 1-4.